

SUBSTITUTE FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
PIPES/04

SERIAL NO.

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Jerome H. Ludwig

(Use several sheets if necessary)

FILING DATE  
October 1, 1999

GROUP

(37 CFR 1.98(b))

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MRL	A.A	3	8	2	1	4	7		05/01/1888	Frederick Farrar	134	102.1	11/10/1887
MRL	A.B	4	2	4	1	0	2		03/25/1890	William T. Edds	134	102.1	01/04/1890
MRL	A.C	1	3	5	5	0	7	4	10/05/20	David P. Cleveland	134	29	12/30/19
MRL	A.D	2	0	2	3	4	9	6	12/10/35	Verne J. Todd	87	5	03/12/28
MRL	A.E	2	0	6	5	4	6	2	12/22/36	Bengt Olsson	141	1	02/11/36
MRL	A.F	2	3	2	4	8	0	4	07/20/43	John Van Gelderen	141	1	07/11/42
MRL	A.G	2	3	3	8	6	8	9	01/04/44	Milton E. Parker, et al.	21	57	08/07/41
MRL	A.H	3	0	8	4	0	7	6	04/02/63	Charles M. Loucks, et al.	134	22	04/11/60
MRL	A.I	3	4	9	3	3	2	3	02/03/70	Herbert W. Demuth	21	2	10/27/66
MRL	A.J	3	7	6	2	8	7	4	10/02/73	Jean-Luc Berry	21	57	06/22/71
MRL	A.K	3	8	2	4	7	7	0	07/23/74	Wolfgang Eckstein	55	279	07/02/73

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	A.L						
	A.M						
	A.N						
	A.O						
	A.P						
	A.Q						

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	A.R	
	A.S	
	A.T	

EXAMINER

DATE CONSIDERED

*Monica R. Chelvig**06/01/01*EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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MRL	B.A	3	8	9	3	8	3	2	07/08/75	John H. Perry, et al.	55	268	11/01/73
MRL	B.B	3	9	9	9	9	4	3	12/28/76	Jean-Luc Berry	21	108	01/25/74
MRL	B.C	4	5	6	3	7	8	1	01/14/86	David R. James	4	542	12/31/84
MRL	B.D	5	6	4	8	0	4	6	07/15/97	Rene Weibel	422	4	03/28/93
	B.E												
	B.F												
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